

XP-002318591

1/1 - (C) FILE CA  
 AN - 115:170936 CA  
 ED - Entered STN: 18 Oct 1991  
 TI - Electrophotographic photoreceptor using fluoranthene derivative  
 charge-transporting agent  
 IN - Yashiro, Ryoji; Kikuchi, Norihiro; Senoo, Akihiro; Kanamaru, Tetsuo  
 PA - Canon K. K., Japan  
 SO - Jpn. Kokai Tokkyo Koho, 10 pp.  
 CODEN: JKXXAF  
 DT - Patent  
 LA - Japanese  
 IC - ICM G03G005-06  
 CC - 74-3 (Radiation Chemistry, Photochemistry, and Photographic and  
 Other Reprographic Processes)  
 Section cross-reference(s): 25

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP3078757	A2	19910403	JP 1989-214926	19890823

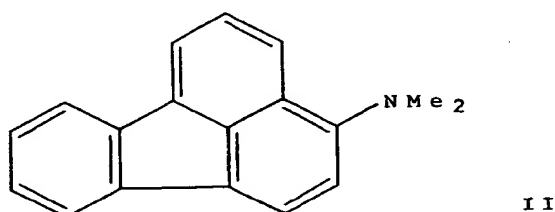
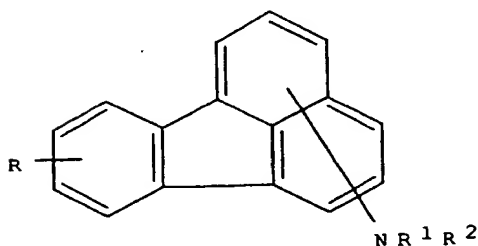
PRAI- JP 1989-214926

19890823

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 03078757	ICM	G03G005-06

GI



AB The title photoreceptor comprises an elec. conductive support with a coating of a photosensitive layer contg. a fluoranthene deriv. I [R = H, halo, (substituted) alkyl, alkoxy, or NH<sub>2</sub>; R<sub>1</sub>, R<sub>2</sub> = (substituted) alkyl, aralkyl, aryl, or heterocycle, R<sub>1</sub> and R<sub>2</sub> may form a 5- or 6-membered ring together with the N atom.]. The photoreceptor is easy to prep., shows good photosensitivity and durability in continuously repeated use. Thus, an Al substrate was coated with a charge-generating layer contg. a disazo pigment and with a charge-transporting layer contg. II to give a photoreceptor.

ST electrophotog photoreceptor charge transporting agent; fluoranthene amine electrophotog photoreceptor

IT Electrophotographic photoconductors

(contg. fluoranthene deriv. charge-transporting agent)

IT 6854-93-9 136454-74-5 136454-75-6 136454-76-7 136454-77-8  
136454-78-9 136454-79-0 136454-80-3 136454-81-4  
\*\*\*136454-82-5\*\*\* 136480-45-0 136480-46-1

RL: USES (Uses)

(charge-transporting agent, electrophotog. photoreceptor using)

IT 136454-73-4P

RL: PREP (Preparation)

(prepn. of, charge-transporting agent, electrophotog.  
photoreceptor using)

IT 624-31-7, p-Iodotoluene

RL: USES (Uses)

(reaction og, with aminofluoranthene)

IT 2693-46-1, 3-Fluoranthenamine

RL: USES (Uses)

(reaction or, with iodotoluene)

RN - 136454-82-5 REGISTRY

CN - 8-Fluoranthenamine, N-ethyl-N-phenyl-5-(10H-phenoxazin-10-yl)- (9CI)  
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN - 10H-Phenoxazine, 8-fluoranthenamine deriv.

FS - 3D CONCORD

MF - C36 H26 N2 O

SR - CA

LC - STN Files: CA, CAPLUS

DT.CA CAplus document type: Patent

RL.P- Roles from patents: USES (Uses)

